Graham County School News





Donna M. McGaughey

Volume 14, Issue 4

Providing Quality Service and Support to Graham County Schools"

Please visit our website www.graham.az.gov

Superintendent's Message

The warm weather of April means track meets, tennis matches, baseball, softball and lots of end-of-the-year performances and plays. Oh yes, and testing. Our schools will come back from the brief Easter break and plunge into annual testing. Our students will do well because they have dedicated teachers who have spent all year showing the possibilities available to them. Good luck to everyone!

Even with spring break mixed in, we were still able to host several professional development opportunities with the Math 20/20 program. We finished up the grade 1 and grade 6 content trainings, and we have begun planning for next year's Kindergarten and grades 7/8. Unfortunately, we have had to cancel the upcoming University of Arizona Economics workshop on April 6th. Too many conflicts caused our enrollment to suffer. We will reschedule for next fall.

If you haven't preregistered for the 2018 Southeast Arizona Teachers' Academy, then do so ASAP! We are so excited about the breakout sessions we are able to offer this year. We have several returning presenters and several brand-new topics and sessions. You don't want to miss it! Information on how to register is located on the bottom of this page and inside the newsletter as well.

Happy Spring!

Contact us!

Donna McGaughey, Graham County School Superintendent

921 Thatcher Blvd. Safford, AZ 85546 928-428-2880

Fax: 928-428-8824 dmcgaughey@graham.az.gov

Nola Knight, Chief Deputy nknight@graham.az.gov 928-428-2880

Mandi Moffett, Deputy clerk mmoffett@graham.az.gov 928-428-2880

Online Registration: www.graham.az.gov Click on: School Superintendent, Workshops

Hours: Monday—Thursday 7:00 a.m.—6:00 p.m. Closed Fridays

Dates to Remember:

April 1—Easter

April 3— AZ Gives Day

April 6—4-H, SEACUS, Search & Rescue, Boys & Girls Club "Funding Our Future" Auction Fairgrounds

, April 6—Special Olympics Torch Run BBQ—Safford Fire Dept.

April 7—Special Olympics Regional Meet SHS 9:00 a.m.

April 20—Safford Rotary Invitational Track Meet @ SHS

April 25—New Teacher Coalition meeting 4:00 General Services Bldg.

Save Your Seat at SEATA! June 4-7

Preregistration is open!

http://www.graham.az.gov/schoolsuperintendent/workshops/

Please plan on attending the Southeast Arizona Teachers' Academy "SEATA"

June 4-7, 2018

All Graham and Greenlee County educators are invited to attend SEATA at no cost

To meet the needs of our PreK-12 educators, we will have over 90 break-out sessions focusing on best practices across the curriculum.

Attendees will earn up to 24 hours of professional development credit.

SEATA is open to certified educators, early childhood education providers and pre-service educators who will be certified and contracted to teach by August 2018.

Some of the confirmed session topics include:

Reading and the Brain, eKnowledge, Process vs Product, The Essentials of Family Engagement, ALiCE Training, Mathematicians in Training, Math Game Interventions, Visualizing Change (Math), Building Fraction Sense, Math Beyond the Classroom, The Building Blocks of Functions, Early Childhood Every Day, Early Childhood Coalition, Donors Choose, Beyond the ROTE (Math), Building Brighter Kids, Digital Breakout, Math for early learners, Making Math Meaningful, Science and Engineering Practices, Lesson Study, Diving Deep with Squid!, Literature and STEM, Organized Thinking, STEM from the Start, Positive Classroom Strategies, Experiencing a Learning Disability, Spec. Ed, Coding, Grant writing and many more being added daily!

Keynote Speaker—Wendy Peterson—she's back, and will have several literacy breakouts

To register, go to http://www.graham.az.gov/school-superintendent/workshops/

Everyone attending should complete this process. In mid-May, you will receive an email directing you to select the break-out sessions of your choice. Your schedule of sessions will be provided at SEATA check-in during the week of Monday June 4, 2018 in the Gherald Hoopes Activity Center at EAC.

We will be offering sessions across the curriculum, including technology integration sessions for all subjects



SEATA is brought to you by
the Graham County School Superintendent
Donna McGaughey and
Greenlee County School Superintendent
Tom Powers

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Science Happens Here!

Local First Arizona, the Arizona Rural Development Council, the Arizona SciTech Festival and the Graham County School Office are presenting **Science Happens Here** to advance STEM education in our community. Parents are encouraged to take their students to local businesses to collect trading cards. The cards, shown below, are designed to engage students with the science connected to the business. The students can learn more about STEM by gaining access to simple experiments found online using the website and code found on each card.



The following businesses are participating in this year's program, which will run through the spring and summer of 2018. The class with the most participants will win a prize, which will be awarded early in the 2018-2019 school year. New cards have been added, so go get them! Thank you to the Arizona Science Center's Science on Wheels program for providing prizes!

Lee's Rite-Way
Trophies –N—Tees
Smith & Taylor Automotive
Indigo Mountain
The Hair Academy of Safford
Graham County Florist
Abacus Solutions
Carpet Tile and More
Cosmetology
Thank you businesses!

Genevieve's Market Place Debbie's Craft Connection Kempton Chevrolet Bowman Consulting Graham County Co-op Richard's Music Company Holladay's Photo Emporium Cottage Bakery Enchanted Boutique

A Step Back in Time
Sun Pumps
Curtis Landscape
Taylor Freeze
Hot Wheels Cyclery
CMI Quick Copy
The Plantation
Eastern Arizona Academy of
Casa Manana



Students & Teachers! You are Invited to Attend Eastern Arizona College's 42nd Annual Skills Day Competitions!

When: Tuesday, April 10, 2018 Fliers at: www.eac.edu/skillsday

Register at www.eacskillsday2018.eventbrite.com by Tuesday, April 3, 2018 by 4:00 p.m.

Skills Day invites high school students to demonstrate their skills in a variety of contests and activities. This fun-filled morning is similar to FBLA or SkillsUSA except on a more personal scale---- and the price is right! There is absolutely no charge for students to enter the competitions. EAC's President Mark Bryce will host a continental breakfast and lunch for those in attendance. Each participant also receives a Skills Day t-shirt.

Forty-four contests (+ 16 activities)

Administration of Justice Art Automotive Business CAD-Drafting Chemistry

Computers Graphic Design Languages (French and Spanish)
Sports Medicine Welding Small Woodworking Large Woodworking

Did you know there are tuition scholarships for the highest scores in languages?

One does not have to be enrolled in an art class in high school in order to enter the art contests.

Home-schooled students are encouraged to register for Skills Day.

The Automotive Department will host an antique car show. This popular event usually brings 40+ vehicles to South Campus.

Skills Day is funded in part through the Carl Perkins 2017-2018 grant.

Gayrene Claridge, "The Skills Day Lady" at gayrene.claridge@eac.edu or 928-428-8341.

Registration assistance: Barbara Gojkovich at barbara.gojkovich@eac.edu or 928-428-8425.



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Student Loan Relief

Voluntary Benefit

ISLoan Solutions, an advisory company, has helped nonprofit employees nationwide lower student loan payments by 95%, and reduce student loan balances through tax-free loan forgiveness by an average of \$59,500 with the Public Service Loan Forgiveness program.

Visit - https://aacss-graham.myisls.com/register

Enter registration code GRAHAM

Register & schedule today! Find out if this program makes sense for you.

If you have federal student loans and would like to:

- Reduce your student loan debt no cap in forgiveness amount
- Immediately lower monthly student loan payment
- Receive a personalized 10-year plan outlining your savings
- Significantly lower your cost to earn additional degrees

More Money for What Matters

"Before working with ISLoan Solutions, my monthly student loan payment was almost twice my house payment. Now, I am paying \$144 month and will have my student loan debt behind me by the time I'm 44; that makes me feel really good. Paying less on my loans means we can save for our daughter's education, take a return trip to Disney World, and purchase a camper to enjoy our local 4-H activities and family vacations."

Shay Cottrill, Therapist

How it works:

- Meet with a student loan advisor to discuss your situation & goals
- They will educate you & deliver a savings plan at no cost
- Hire them to implement plan, & fees will apply, or pursue it on your own



www.isloansolutions.com

ISLoan Solutions

Customer.service@isloansolutions.com 513-645-5400

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Look what the good folks at E.A.S.I. have planned for you!

Eastern Arizona Science Initiative

Environment Technology

Answer Energy Biology Astronomy
Explanation Variables Learning Career

Analyze Observations
Chart Graph Matter Data
Science EASI Earth
Soldar System

Students Hypothesis Teaching
Inquiry Computers
Senses Math Engineering

(WeenliftOut

All teachers who teach STEM subjects are invited to join the Eastern Arizona Science Initiative, known as E.A.S.I. They have a wonderful slate of camps, professional development and meetings planned. This is the schedule, subject to slight changes, but use this to plan ahead.

Please let your fellow teachers know about the wonderful opportunities gained by joined E.A.S.I.! *It's easy!*

2017—2018 EASI Camps and Events Calendar:

Wed. April 11 April EASI meeting

Sat. April 14 EASI 5th and 6th grade Saturday Science Camp

Wed. May 9 May EASI meeting

Tue.—Th. May 29-31 Tonto Creek Camp (Payson)

Tue.—Wed. June 5-6 SEATA MGIO Tours

Mon.—Wed. June 18-20 EASI Summer Science Camp

Mon.—Th. June 18-21 EASI High School Anatomy Camp

Contact Jackie Madsen at Jackie.madsen@eac.edu
Or call the EAC Discovery Park Campus at 928-428-6260





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EASTERN ARIZONA SCIENCE INITIATIVE

5TH & 6TH GRADE

SATURDAY SCIENCE CAMP







Saturday, April 14, 2018 9:00am to Noon EAC Discovery Park Campus - Ranch House!

We will do all hands-on experiments with Newton's "3 Laws" using eggs... one wrong move and

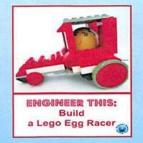
"Egg-citing World of Physics!"





- Protect your egg from inertia padding in a zip-lock bag... and DROP it!
- Build a Lego car to zoom your egg down a track... SAFELY!
- Shoot your egg 100' in a rocket... and bring it back to Earth...in ONE piece!







Are you up to the Challenge!?!

To Register to attend:

Contact Jackie Madsen at: jackie.madsen@eac.edu Or call the EAC Discovery Park Campus at (928) 428-6260



Space is limited for the Camp - Register SOON!





E-Waste Eve

04.07.2018

7:30 AM TO 1:30 PM Safford Landfill



For more information contact: Landfill - 928.432.4287 Metal Mite Recycling - 928.965.7879 Susan Elsberry – 520.850.7653

WHAT TO BRING for RECYCLING:

- Refrigerators Clean; taped shut not allowed
- Stoves, Freezers, Dishwashers,
- Washers, Dryers
- Hot Water Heaters, Heating/Cooling Units
- -Household Appliances
- -Microwaves
- -Computer Equipment/Printers/Fax/Towers
- -Cables/Cords
- -Flat Screen and Plasma Tvs

(Tube-type TV sets go through Landfill Weigh Station)

- -Video Game Consoles/Accessories. Chargers
- -Surge Protectors
- -Speakers, Stereo Equipment, Headphones, Cabling
- -Cell Phones, Phones, Answering Machines
- -Power Tools, Hand and Yard Tools
- -Batteries: Rechargeable, Alkaline, Automotive

DO NOT BRING for RECYCLING: HAZARDOUS WASTE ITEMS - Paint, Oil, Exercise Equipment

ALL REFRIGERATORS MUST BE EMPTY!

































From Laura Rogers, Graham County Health Department

The Office for Children with Special Health Care Needs (OCSHCN) for the past year has been collaborating with other stakeholders on a bullying campaign. As you may know, children with special health care needs are at a higher risk for being bullied. For example, children with autism spectrum disorder (ASD) are at increased risk of being bullied and left out by peers (Twyman et al., 2010). In a study of 8-17 year olds, researchers found that children with ASD were more than three times as likely to be bullied as their peers.

I wanted to share with you the <u>MustStopBullying Video Contest</u> Video Contest. Please help us spread the word to your community so that we can have statewide participation in this contest. If you know of families with children with special health care needs, please encourage them to submit a video. The deadline for submitting videos in April 23rd.

Thank you for your help in this project.

Kathy Levandowsky

Office Chief

Office for Children with Special Health Care Needs

480-250-8913 work cell

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United Way of Graham and Greenlee Counties

Education Grant Opportunities

Goal Statement:

The United Way of Graham & Greenlee counties recognizes that education 1) happens everywhere, 2) begins at birth and does not stop, and 3) is a collective community endeavor.

Objectives:

Improving school readiness for every child

The United Way will support activities that help prepare children from birth-to-4 years for successful entry into kindergarten.

Supporting efforts to ensure every student reads at grade level - especially by third grade

The United Way will support and collaborate with educators, agencies and partners who are working to address grade level reading for all grades.

Increasing student access to quality transitional programs

The United Way will support educators, entities and programs that address learning-loss or key transitional periods for students such as after school activities, summer programs and internship opportunities.

Supporting community and school district efforts with teacher retention and recruitment

The United Way will support school districts, businesses, governmental agencies and community development organizations to enhance teacher workforce recruitment and retention.

Providing direct support to teachers in the classroom by helping to cultivate innovative learning environments and approaches

The United Way will partner with schools and teachers to implement innovative approaches to help address 21st Century challenges.

Partnerships:

The United Way recognizes that community partnerships are essential to achieving these education objectives. Wherever possible, the United Way will seek to strengthen and broaden community partnerships for the purposes of leveraging resources, sharing of knowledge and expertise, and enhancing program impacts.

Apply Now!

Visit the United Way website at www.uwggc.com

Click on "How to Apply"

Applications will be reviewed each month except during December.

For assistance with your grant, contact Paulette LeBlanc

pleblanc@aznex.net

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Rural Activation and Innovation Network







RAIN STEM

Grants are available for up to \$5,000.

STEM Grants!

Grants do not cover salaries, utilities or administrative costs, and must be an "extra-curricular", weekend or summer event and not during the regular school day.

Please take advantage of the current Funding Cycles:

Spring 2018 (Open May 1, Due June 1, Notified July 1)

Attention Graham & Greenlee County Teachers and Community STEM Educators:

Do you have a GREAT idea for a sustainable STEM activity or event... but need help with funding? The Rural Activation and Innovation Network (RAIN) of Graham & Greenlee County can help!

Led by Arizona State University and Arizona Science Center, RAIN (Rural Activation and Innovation Network) is funded by the National Science Foundation to help rural communities in Arizona collaborate on developing locally relevant learning experiences in science, technology, engineering and math (STEM). While there are many people in rural areas working on this issue, RAIN aims to bring individuals and organizations together into networks that can share resources and knowledge for learning and outreach.

For more information, Grant Application and Scoring Rubric go to: <u>4azrain.org</u>

Hover over "Rural Innovation Councils" and Click on "Graham/Greenlee Counties"

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Prepare Your Students for Real-World STEM with Dig Into Mining

In today's global economy, STEM skills are critical to success. Help your students prepare for the future job market with <u>Dig Into Mining: The Story of Copper</u>. Our varied classroom resources are designed to ignite a sense of curiosity and exploration in your 6th - 12th grade students, while teaching and testing standards-aligned topics in STEM.

EXPLORE NOW

With relevant examples from today's copper industry, Dig Into Mining's educator tools make it easy to connect classroom learning to real-world STEM applications. For example, students can:

Investigate the patterns of natural resources around the globe

Explore how copper is used in electronic and hybrid vehicles

<u>Utilize</u> proportional relationships to determine the economic feasibility of a mine site

Research how microorganisms are used in the wastewater treatment process

Identify the physical boundaries of a mine using satellite geoimages

... and much more!

Discover more classroom extensions and teacher resources *here*.

Extend the learning further with our exclusive <u>Dig Into Mining Virtual Field Trips</u>. Stream on demand to give your students a behind-the-scenes look at a working copper mine and hear from Freeport-McMoRan professionals as they guide you through the mining process from planning to reclamation.

Follow @DiscoveryEd on Twitter and join the conversation using #DigIntoMining.



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Social-Emotional Learning With a Trusted Friend



Daniel Tiger's Neighborhood helps to boost invaluable skills among preschoolers in their daily lives.

In order for younger learners to be successful in school, they must be mentally healthy and have good interpersonal skills. Introduce your class to Daniel Tiger and his friends, who can help younger learners develop skills to regulate behavior, manage feelings, feel competent in completing tasks, and confident in trying new things. <u>Explore Collection</u>



Managing and Expressing Feelings Grades: PreK-1

In this mini-collection, you can find videos and lesson plans to help introduce your students to tools for managing and expressing their feelings. **Discover More**



Social and Emotional Development Grades: K-5

Using the Arthur Interactive Media (AIM) Buddy Project, gather some supplemental social, emotional, and character development curriculum for your classroom! **Discover More**



Kindness, Empathy, and Resilience Grades: PreK-12

Explore a collection of videos and lesson plans that are centered around kindness, empathy, and the importance of practicing mindfulness. **Discover More**



Vocabulary as a Foundation for Learning Grades: PreK-2 | Hours: 45

In this course, you will have exposure to cutting-edge research about how word learning shapes thinking, especially in our youngest learners, using PBS KIDS digital learning resources.

Explore Course

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Celebrate the 50th Anniversary of Mr. Rogers' Neighborhood with your class! Discover a collection of Mister Rogers' episodes to bring right into your classroom. Fred Rogers' masterful approach to creating a warm, welcoming environment for young viewers helped shape the world of educational television. Take inspiration from 45 of his best episodes below, and bring the joy of Mister Rogers into your classroom today.

https://az.pbslearningmedia.org



New Experiences Grades: PreK-1

Childhood is full of new experiences. Whether going to the doctor, traveling on an airplane, or visiting a relative's house for the first time. In this set of resources, we will focus on how you can help children work on using play to better understand feelings, develop imagination, and feel proud of themselves for facing a new experience.

Check Out Resource



Friends Work Out Problems Activity

Grades: PreK-1

In this activity from The Fred Rogers' Company, children will work on problem solving, verbal communication, and expressing their feelings and ideas with peers.

Check Out Activity

Daniel Tiger Apps to Share With Parents

Daniel Tiger for Parents

Designed with busy parents in mind, the app is simple, educational and entertaining for caregivers and children. It features over two dozen Daniel Tiger songs, supporting videos from Daniel Tiger's Neighborhood, and helpful hints for parents about the important skills children need to be ready for school and life.

Download App

Daniel Tiger's Stop & Go Potty

With Daniel Tiger's Stop & Go Potty app, children will practice stopping their play when they have to go potty and learn about their important bathroom routines at the potty and sink.

Download App

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Arizona PBS is prototyping StoryTime, a new educational tool designed for parents and teachers. Research is key to understanding how we can best integrate the program throughout the state. Please take a minute to read about what StoryTime is and answer a few questions in the survey link below. Thank you.

Children ages 8-10 (third through fifth grade) will have the opportunity to participate in story competitions to write stories tailored to the things they are learning in school. The best stories will be turned into printed books and illustrated videos to be published on a facet of the AZPBS Kids website. Arizona PBS has partnered with NASA to create the first story already. For more information leave your e-mail at the end of the survey below, and we will send a link to the first story as well as information about the first story competition.

https://www.surveymonkey.com/r/JRND8C3

Best, The StoryTime Team



Pi & The Fibonacci Sequence Grades: 6-12

Explore intriguing appearances of pi and the Fibonacci sequence outside of mathematics. Although well-known in mathematics, the numbers of the Fibonacci sequence are also frequently found in the natural world, such as in the number of petals on flowers and the number of spirals of a pine cone. Discover More



Calculating Pi with Darts Grades: 6-12

Pi can be calculated using a random sample of darts thrown at a square and circle target. The problem with this method lies in at-

Discover More



NEW Professional Development for Early Elementary School Teachers

tempting to throw "randomly." Learn how to do it in this video!

Did you know? PBS TeacherLine offers professional development courses specially designed for early elementary teachers like you! Our expert facilitators will help you tackle familiar teaching challenges with new ideas and proven methods. **Explore Site!**

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Professional Development



Teaching Math (Grades K-2): A Special Collection from An-

nenberg Learner

Grades: K-2 | Hours: 45

Enroll in a class that will expand your understanding of these five key processes: communication, problem solving, reasoning and proof, representation, and connections. This course can help you become more comfortable in helping your students develop a fuller sense of mathematics. Explore Course



Teaching Animal Adaptations in the Inquiry-Based Classroom (Facilitated)

Grades: K-2 | Hours: 15

This course will be using PBS KIDS digital resources to help you develop a firm understanding of connected learning approaches to support young children's knowledge of Animal Adaptations. Explore Course



5 Things Teachers Want in Professional Development

It's that time again to get re-certified, or you just want to brush up on some new skills and you're not sure what's what anymore with professional development. Take these five tips into consideration when you're on the professional development course hunt!

Read More



10 Black Scientists that Science Teachers Should Know About

Helping your students see the possibilities of careers in STEM fields means providing them with diverse role models. Black History Month provides teachers with an opportunity to feature the stories and voices of black scientists, engineers and mathematicians in the context of their science instruction. **Read More**

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Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 http://geoalliance.asu.edu/ | https://www.facebook.com/geoalliance/976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Contest

National Park Trust - Kids to Parks Day National School Contest

https://www.parktrust.org/kids-to-parks-day/school-contest/

this national contest is open to all Title I schools in the United States (grades pre-K through 12). Classes can receive funding for a KTP event at a park or public land/waterway in their community. Students must research and write the proposal themselves, although we encourage teachers to provide support and feedback! Your entries should explain how your experience will promote education, health and wellness, and park stewardship. NPT will award park grants up to \$1,000 to winning entries. We encourage schools to implement their KTP event during the month of May 2018, but exceptions can be made based on school schedules.

Kids to Parks Day May 19, 2018 https://www.parktrust.org/kids-to-parks-day/

Keizai Koho Center Teacher Fellowship 2018

http://www.us-japan.org/programs/kkc/k2018/index.html

FREE teachers' study tours to Japan. Meet with scholars and experts, visit companies, stay with a Japanese host family, and participate in cultural events. To be eligible to apply, you have to demonstrate a strong interest in Japan but have never lived there or traveled there on a similar study program. And you have to be a middle school or high school social studies teacher. The travel dates are tentatively scheduled for June 25-July 3, 2018.

Resources & Tools

Virtual Tours - 360 plus of many different sites

http://www.3dmekanlar.com/en/3d.html

Middle Eastern/European sites: mosques, parks, palaces, museums, all kinds of places. You can visit Saudi Arabia (the Hajj), Palestine, Turkey, Syria, Egypt, Bosnia-Herzegovina, and other places including space. It's pretty amazing!

Nature Sound Map

http://www.naturesoundmap.com/

A group of professional nature recordists from around the globe have collaborated to develop Nature Soundmap, an enjoyable and interactive way of exploring the natural sounds of our planet. Combining high-quality field recordings with the latest satellite imagery, the project brings together some of nature's most beautiful, interesting and inspiring sounds.

Website developed by Wild Ambience Nature Sounds, Sydney, Australia - https://wildambience.com/ (also worth checking out)

World Geography Games

http://world-geography-games.com/

(from Technology4Teachers) Entertaining & stimulating map games to improve your geographical knowledge. The quizzes include questions about countries, states, capitals, flags, regions, bodies of water, mountains, deserts, metropolitan areas and other topics that will test and challenge your knowledge. You need Flash player.

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National Council of Teachers of Mathematics (NCTM)

http://www.nctm.org/ - must be a member to access most resources.

http://www.nctm.org/Grants/ for grants, scholarships & awards. Encouraged, but not required, to be a member. About 25 opportunities with deadlines to apply in 2018.

Observing Characteristics of Cultures

Description: In this lesson, students learn characteristics of culture by viewing images. Students will then create a photo essay reflecting on what they have observed and researched about a culture.

Author: Gale Olp Ekiss Grade Range: 8 and High School Duration: 2-3 class periods

<u>Teacher Instructions</u> <u>Student Worksheets, Assessments, and Answer Keys Power Point Presentation (with slide titles)</u> <u>Power Point Presentation (no slide titles)</u>

Supplemental Files: <u>Scavenger Hunt on Basic Elements of Culture Urban Scavenger Hunt Musical Instrument/</u>
<u>Music Scavenger Hunt Cultural Diffusion Power Point Presentation</u>

New lesson!

Switch It Up! Scrambling States to Practice U.S. Geography and Identify Climates

Lesson Plan Content

Description: The United States encompasses a vast territory with different characteristics. Students need to recognize that their state's physical features do not necessarily mirror other states' physical features. In this lesson students will use 1) political maps to give directions utilizing a compass rose and to determine distance by using a scale and use 2) physical maps to complete a chart of geographical information relating to climate. This data can then be used to compare states.

Author: Brean Marinaccio Grade Range: 4 Duration: 2 class periods

Teacher Instructions Student Worksheets, Assessments, and Answer Keys Map US (with state names)

Regions of the US Teacher's Key

Other material that may be useful: Map United States (with state names) to be assembled

Collection of Maps for Students in Grades 1 through 4 Activities for Scrambled States of America from Macmillan.com

New lesson!

TALES FROM THE CRYPT: Learning about Geography and History from Your Local Cemetery

Description: Cemeteries are unique resources for studying the peoples of an area. In this field experience, students will gather and evaluate information about cultural symbols, nationalities, lifespans, and gender issues in a specialized landscape, the cemetery. In this lesson, students will learn how cemeteries convey information about the history and geography of their communities. They will learn about symbols and regions commonly found in cemeteries. They will then explore a local cemetery and then report their findings in charts, graphs, and other written communications.

Author: Gale Olp Ekiss Grade Range: 6-12 Duration: 5 class periods

<u>Teacher Instructions</u> <u>Student Worksheets, Assessments, and Answer Keys</u> <u>Resource Sheet for Determining Nationalities</u>

Student Writing Examples

Supplemental Files: Mesa City Cemetery Map Introduction to Cemeteries PowerPoint (Large file - may take some time to download)

Related Links:

Gravestone Symbolism

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<u>cathy.davis@asu.edu</u> | 480-965-5361 * fax 480-965-8313 https://www.facebook.com/geoalliance/ 976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Resources

Flipgrid - Video for student engagement and formative assessment

https://info.flipgrid.com/

Free for limited access. \$65 per educator per year for unlimited grids & topics. Heard good reviews from multiple sources as a convenient, easy tool for a quick comprehension check or culminating demonstration.

Tour Builder | Put your story on the map. A Google experiment.

https://tourbuilder.withgoogle.com/

Tour Builder is a new way to show people the places you've visited and the experiences you had along the way using Google Earth. It lets you pick the locations right on the map, add in photos, text, and video, and then share your creation.

What inspired the creation of Tour Builder? We originally created Tour Builder to give veterans a way to record all the places that military service has taken them, and preserve their stories and memories as a legacy for their families. But we also thought it could be a useful tool for anyone with a story to tell, so we made it available to everyone.

What are your long-term plans for Tour Builder? For now, Tour Builder is in beta and we're excited to see what people build and do with it. We'd love to hear your feedback and ideas about how it could be a better storytelling tool. Take it for a spin and tell us what you think here.

PenPal Schools

https://www.penpalschools.com/

PenPal Schools connects students in 144 countries to learn together. PenPals ages 8 and up collaborate through free high-quality online projects to learn about cultures and global challenges while practicing language and technology skills. How much does PenPal Schools cost? The first 5 teachers who enroll from each school receive PenPal Schools for free for the entire year! Schools that would like to enroll more than 5 teachers can purchase a site license for \$1,900 per year. Site licenses include unlimited student and teacher accounts. Discounts are available for low income and PenPal Partner schools.

FANschool - app

https://www.fanschool.org/

Free w/ 1 commissioner, 5 players. Then charges.

About: https://www.fanschool.org/about/ Objective to engage students in learning in any subject area using current events.

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Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

<u>cathy.davis@asu.edu</u> | 480-965-5361 * fax 480-965-8313 http://geoalliance.asu.edu/ | https://www.facebook.com/geoalliance/976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

New Professional Development offerings

GeoSpatial Workshop: Using Technology for Spatial Thinking and Analyzing Data

(3 days, 2 nights) (Grades 2-HS)

Geographic Information Systems are commonplace in businesses and governmental agencies. The US Department of Labor Statistics reports that this career field has a higher than average potential for new jobs. So what is GIS? What can you do with GIS in your classroom? With online, free software, come see how you can use this technology to engage your students in problem solving and spatial thinking.

We are offering three locations and times to participate in this no-cost GeoSpatial Workshop. Please note Deadlines to Register vary as well as deadlines to ask for accommodations.

Where: Mesa Community College, 1833 W Southern Ave, Mesa SC26 - Social & Cultural Science Building

When: June 11-13, 2018 | 9:00 AM-4:00 PM each day

Deadline to register: Friday, June 1, 2018. Deadline to request accommodations: 6/1/2018.

For full info and to register: https://www.eventbrite.com/e/geospatial-workshop-using-technology-for-spatial-thinking-and-analyzing-data-mesa-tickets-44115230843

Where: University of Arizona, Library Digital Space, Tucson, AZ When: June 18-20, 2018 | 9:00 AM-4:00 PM each day

Deadline to register: Monday, June 11, 2018. Deadline to request accommodations: 6/11/2018

For full info and to register: https://www.eventbrite.com/e/geospatial-workshop-using-technology-for-spatial-thinking-and-analyzing-data-tucson-tickets-44046341794

Where: Northern Arizona University, Cline Library Learning Studio, 1001 S Knoles Dr, Flagstaff

When: July 23-25, 2018 | 9:00 AM-4:00 PM each day

Deadline to register: Monday, June 11, 2018 DEADLINE to register for Flagstaff lodging is April 9.

You will be required to sign a lodging contract, and you will need to confirm/cancel by April 20. IF you are registering after 4/9/2018 and need accommodations you may join a waiting list. To see dorm rooms go to https://docs.google.com/document/d/1cTg7 HIrz1P7uGase5CepWvCq-GQ gCqMdgo4 B 4ml/edit?usp=sharing

For full info and to register: https://www.eventbrite.com/e/geospatial-workshop-using-technology-for-spatial-thinking-and-analyzing-data-flagstaff-tickets-43296782843

Instructors: Diane Godfrey and Karen Guerrero

Cost: Free, but you must place a \$40 deposit to assure your attendance at the event. It will be promptly refunded at the close of the workshop. If you do not attend, we will keep the deposit.

Who should attend: Teachers, grades 2 through HS. Limited to 20 participants.

What to expect: The purpose of this workshop is to enhance your teaching practices with strategies for building spatial thinking and analyzing data.

The workshop goals are to: Analyze data using mapping tools Build technical skills, confidence and digital resources for teaching with GIS

Create a plan for implementing GIS in your classroom to enhance something you already teach

Learn how GIS can empower your students to take action in their communities based on their GIS classroom experiences

Prerequisites (must check all when you register): We have reliable, stable internet for student use at my school

Technology is available for students to engage in online mapping activities at my school (e.g. computer lab, tablets, phones – with internet access) I have my own Wi-Fi enabled device to bring to the Workshop. Note: we recommend a laptop with a keyboard and an external mouse for the best experience, but a tablet can work. Ability to download and save files is a plus.

You will receive: Catered lunch each day 21 recertification hours. (7 per day) Participants will receive a \$100 stipend for submitting a lesson plan following the workshop. Accommodations may be made for out of town participants. You must apply and qualify regarding distance for each site. DEADLINE to register for accommodations varies at each site.

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Arizona Geographic Alliance (AzGA) Grants and Opportunities

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Ancestry.com, Newspapers.com, Fold3 https://www.ancestryk12.com/k12/ApplyForGrant

If your classroom, school, and/or school district are awarded an AncestryK12 grant, your students will be able to access classroom versions of Ancestry, Fold3, and Newspapers.com, onsite from computers within the IP ranges you specify in your application, by visiting https://www.fold3.com/, or

http://www.noid3.com/, or http://www.noid3.com/, or http://www.newspapers.com/ (the "Grant Websites").

Please NOTE: The grant is for free access to these sites, and one application covers all three sites. No monetary award.

Story Monsters Ink! (Free on-line magazine for kids & teens). https://www.storymonsters.com/about-the-magazine/

The Literary Resource for Teachers, Librarians, and Parents. Story Monsters Ink® is an award-winning magazine that offers the latest news on children's books and products, celebrity and independent author profiles, book reviews, activities, reading guides, special featured columns, and more! The digital edition of each issue will be available the third week of the month prior to the issue cover date month. The printed edition will be printed and mailed to subscribers approximately two weeks after that. This timeline may be extended around holiday. Issues are recorded by The Arizona Talking Book Library.

GeoGame - Place Spotting (based on Google Earth)

http://www.placespotting.com/

A website of geographic riddles. Place Spotting is based on the Google Earth platform. Place Spotting users can create their own geographic riddles or try to solve riddles created by others. The search feature on Place Spotting lets users search for riddles based on level of difficulty, language, region, or creation date.

GeoGame - Where In the World (based on Google Earth - Street View)

http://www.superbreak.com/inspiration/where-in-theworld#

Street View quiz from SuperBreak. You are shown a succession of Google Maps Street View images of famous locations around the world. All you have to do is choose the correct location from three different answers. The game allows you to choose from five different categories, History, Travel, Royal Attractions, Nature & Parks and Entertainment. Once you have selected your categories you are shown 10 different Street View images and your job is to guess where in the world each image is from.

Major Countries Outline Maps (hard copy) Free

https://manywaystoseetheworld.org/products/ ncgemajorcountries OR http://conta.cc/2i4M3Ds

Two dozen maps (23 double-sided) 8-1/2" x 11" on high gloss paper. Plus 18 maps (9 double-sided) identifying provinces or states on regular paper. A world map showing the location of each country. Plus a chart indicating population and land area for each of the 23 countries represented. These outline maps were published by the National Council for Geographic Education, a non-profit organization devoted to enhancing the status and quality of geography teaching and learning. The date of the map boundaries is 2004. These map sets are copyright-free and may be reproduced for any non-profit educational project. All that is required is proper attribution of NCGE as the source.

SchoolBookings.com http://www.schoolbookings.com/

Looking for authors who visit schools?

Or if you are an author looking to visit a school.

FMA - Free Music Archive

http://freemusicarchive.org/curator/video?wlex-

pid=A47EDEoB61F34AEFAADC6AoooF237BBE &wlrefapp=5

The Free Music Archive is an interactive library of high-quality, legal audio downloads directed by WFMU, the most renowned freeform radio station in America. Radio has always offered the public free access to new music.

Every MP₃ on The Free Music Archive is pre-cleared for certain types of uses that would otherwise be prohibited by copyright laws that were not designed for the digital era.

Arizona Department of Education

To join the ADE K-12 mailing list go here: http://www.azed.gov/standardspractices/academic-standards/join-the-k-12academic-standards-mailing-list/

Also reachable from this page: Content Area Resources, Instructional Support, Webinars, Standards.

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Just for fun

History of The Universe in 13,799 Dominoes

https://www.youtube.com/channel/UCTRM8LE1q6UXrVZKwqw5oEA

If you set up a row of dominoes as a timeline of history from the Big Bang to now, and had each domino represent 1 million years it would stretch over 300 meters long. I know because that's what I did for this video. The universe is very old. From The Scope of Science quy. About 14 minutes.

Games

Earth-Picker

http://www.earth-picker.com/

Earth Picker - 360 views of a place, guess where it is by dropping an arrow on an interactive map. After clicking on the location you think you are seeing the correct site will come up with the difference in actual distance from their projection. About 5 questions per set.

Contests

Cornell Lab of Ornithology - BirdSleuth K-12

http://www.birdsleuth.org/national-challenge/

In this Year of the Bird - This year, join Cornell Lab in discovering something new about bird feeding behaviors by taking part in a National Challenge. Educators or parents, complete the online interest form and use the provided link to download Investigating Evidence. You'll also get a coupon for free bird food to use during this national challenge. Start brainstorming your feeder behavior study. Check out the sample studies or past BirdSleuth Investigator editions for inspiration.

Complete your study, write it up, and submit to us through BirdSleuth Investigator online submission process no later than May 1, 2018.

Wearable Device Challenge

http://teachers.egfi-k12.org/ncsu-wearable-device-challenge/

"Fashion sense" takes on a whole new meaning in North Carolina State University's Wearable Device Challenge for middle and high school students. This contest is really more for local to NC State students because of the logistics involved, but the lessons may be of interest and may be found at https://assist.ncsu.edu/wearable-device/lesson-plans/ Hosted by the National Science Foundation-funded Nanosystems Engineering Research Center for Advanced Self-Powered Systems of Integrated Sensors and Technologies (ASSIST), the contest asks teams to follow the engineering design process to create a health-monitoring device for a person, animal, or both, based on environmental factors.

New lesson! The Tales of Two Goats: Comparing the Geography of Scotland and Arizona

Description: Through the stories of two goats and their owners, students learn about two cultures and landforms while practicing reading skills about literary selections. In this lesson, students will learn about natural features of Scotland and Arizona while reading about and comparing the lives of goats and their owners in both locations.

Author: Carol Carney Warren Grade Level: 2-4 Duration: 2 class periods <u>Teacher Instructions</u> <u>Student Worksheets, Assessments, and Answer Keys Map Regions of Scotland</u> Other materials that may be useful: <u>Map Southwestern US Map Southwestern US: Indian Reservations</u> Lesson: <u>Weaving a Story of Cooperation: The Goat in the Rug</u>

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The Safford City-Graham County Library offers amazing resources for teachers and students at <u>no cost!</u>

Library Cards Residents of Graham and Greenlee county are eligible for a free library card. Children under 18 must have a parent's or legal guardian's permission to get a library card.

Library Tours and ScienceCity Field Trips Library tours are available for classes with at least 2 weeks' notice. For more information, write to Victoria Silva at vsilva@saffordaz.gov. A limited number of hands-on ScienceCity field trips are available to K-6th classes visiting the library. For more information, write to Lesley Talley at Italley@saffordaz.gov.

Online Tutoring Live, online tutoring for students in kindergarten through college is available daily from 2pm till midnight through Tutor.com on the library's website. Tutor.com is free to all students in Graham and Greenlee counties thanks to support from the Safford Library, the Greenlee County Library District and the United Way of Graham County.

Online Classes - Universal Class

Over 500 free online classes are available to library card holders. Courses include computer skills and teacher related courses for CEU credit. Remember, the classes are free ONLY if accessed through the library's website.

Language Learning - Mango Languages

User-friendly language learning is available for over 70 languages through Mango Languages. It includes 11 ESL options for those who are learning English. Remember, the classes are free ONLY if accessed through the library's website.

Academic Databases

Information-packed online databases from Gale and World Book Encyclopedia are available for elementary through high-school age children. With vetted information, no pop-up ads and clear citations, they offer a great research tool for students.

Tumblebooks, eBooks and downloadable audiobooks

Digital versions of many popular books for young children through teens are available through the library website. Tumblebooks targets younger children with colorful picture books and simple chapter books. Our eBook and downloadable audiobook collections include titles for tweens and teens.

Dolly Parton's Imagination Library

Thanks to funding from Arizona First Things First, all children in Graham and Greenlee counties are eligible to receive free books mailed to their home from birth until their 5th birthday. These high- quality books are theirs to keep and build their own home library.

Books, DVDs and Audiobooks

With approximately 45,000 items on the shelves, the library is sure to have something for you or your students. From picture books and children's audiobooks to nonfiction books and DVDs, we have great resources to support you in the classroom.

For more information or for a teacher tour/training, call 432-4165.

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O ARIZONA'S CHILDREN ASSOCIATION

Foster Care

There is a critical need for foster parents in Arizona, and especially for homes who can accept teenagers. Mean the world to someone special!

There are more than 18,000 children in Arizona's foster care system and there is a critical need for foster families to care for them across the state. We recruit, train and provide necessary supports for our foster families. We pride ourselves on having a variety of unique programs and services available to help meet their needs.

HOW WE HELP

We are Arizona's best resource for helping children and families. Our programs target the type of future we all want to see: a future where every child has a safe and loving home and families are supported through difficult and trying circumstances. It is our commitment to provide a specifically tailored continuum of services to children and families in need. All programs are family focused, strength-based, culturally sensitive and outcome driven.

foster care & adoption

behavioral health & trauma response

Family preservation & reunification

kinship services

Family Education & Support

young adult

We are Arizona's best resource

for helping children and families.

Phoenix Corporate Offices

711 E. Missouri, Suite 200 Phoenix, AZ 85014 800.944.7611

Tucson Corporate Offices

3716 E. Columbia St. Tucson, AZ 85714 800.944.7611

Web: www.ArizonasChildren.org

Email: info@arizonaschildren.org

Phone: 800.944.7611

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Grant Funding Alerts It's never too early to start working on a grant!

Name: Freeport-McMoRan STEM Innovation Grants

Who: K—12 Teachers, school administrators or parent volunteers/PTA officials

Amount: Up to \$5,000

Deadline: March 15 each year (window: Dec. 1—March 15) http://www.freeportinmycommunity.com/schools/stem-grant

Name: Freeport-McMoRan Mini-Grants for Education (Get ready for the next cycle!)

Who: Teachers, school administrators or parent volunteers/PTA officials

Amount: \$100-\$500

Deadline: October 1, 2017 (window: May 1—Oct.1)

Link: http://www.freeportinmycommunity.com/schools/mini-grants

DonorsChoose.org Makes It Simple to Help Classrooms

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need. Public school teachers from every corner of America post classroom project requests on this site. Donors can find projects or classrooms that most inspire them and make a donation. When a project reaches its funding goal, Do-norsChoose.org ships the materials to the school. You'll get photos of the project, a letter from the teacher, and insight into how every dollar was spent. Give over \$50 and you'll also receive a hand-written thank from the students. If you're a teacher looking for sup-port for a classroom project, just go to Donors Choose.org and start your own account. The Bill and Melinda Gates Foundation announced that it will match \$1 million in donations to DonorsChoose.org. Donors need to enter the code JUMPSTART to have their donation matched.

Siemens Possibility Grant Sweepstakes

https://www.siemensstemday.com/sweepstakes

Who: Teachers working for a 501(c)(3) school, whether public, private, or religious.

Grand Prize: \$10,000 toward making over a science lab and buying equipment and technology.

Deadline: 5 p.m. Eastern, April 27, 2018. Participants can enter daily.

Westinghouse Charitable Giving Program

http://www.westinghousenuclear.com/about/community-and-education/charitable-giving-program/program-detaiuls-and-application-process

The Westinghouse Charitable Giving Program enables our company to provide financial support to communities in one or more of our strategic areas of giving:

- Education with a focus on Science, Technology, Engineering and Math (STEM)
 - Environmental Sustainability
 - Community Safety and Vitality

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From the Graham County Sheriff's Office....Text a Tip

"The Text a Tip" program allows a citizen to anonymously submit a crime tip to law enforcement in Graham County. This service was started as a combined effort between the Graham County Substance Abuse Coalition and local law enforcement agencies. It is administered by the Graham County Sheriff's Office Communications Division.

How it works:

- A citizen can text grahamtip to 50911 and type the message they want to submit.
- The message is then sent to the Graham County Sheriff's Office Communications Center.
- The message is sent anonymously so the dispatcher has no way of knowing who sent it.
- There is no caller ID on your message.
- The dispatcher will review the tip information and pass it along to the appropriate agency.
- It can be used to report drugs, gangs, violence, threats, bullying, vandalism, abuse, illegal dumping, etc.

We still encourage those needing to report in-progress emergencies to call 9-1-1.

Further information about the program can be obtained by contacting Sgt. Scott Howell at 928-792-5404 or showell@graham.az.gov.

Governor's Office of Youth, Faith and Family "Healthy Families, Healthy Youth"

In 2016, Governor Ducey's Office of Youth, Faith and Family started a pilot program to help families avoid with the realities of addiction and the devastating effects on our children. The "Keep Them Safe" program brings 7th graders and their parents together for an evening of education and planning for strategies to face the stressors, risks and pressures presented to our kids on a daily basis. The program started with one school in each county. This year, it has expanded to include 53 districts throughout the state. Based on the early success of the pilot, we believe the program will continue to expand.

Information is available for all families in Arizona, whether they are in the county programs or not.

Please visit **KeepthemSafe.az.gov** to learn more about strategies to keep communication open and to take advantage of "teachable moments" regarding drug abuse and addiction.

Additionally, the following resources are available:

National Council on Alcoholism and Drug Dependence, Inc. - ncadd.org

National Helpline 1-800-662-HELP (4357)

National Institute on Drug Abuse—drugabuse.gov

Substance Abuse and Mental Health Services Administration—samhsa.gov

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Student Teaching Intern Certificate

Educator Preparation Program Contacts



Arizona State University

Debbie Robinson

Director, Office of Clinical Experiences

Arizona State University | Mary Lou Fulton

Teachers College

Phone: 602.543.6348

Email: debbie.robinson@asu.edu

Note: Email is the best way to reach this

contact.

Northern Arizona University

Primary Contact: Marilee Eveleth, Director,

Office of Fieldwork

Email: Marilee.Eveleth@nau.edu **or** NAUStudentTeaching@nau.edu

Main Phone: 928-523-7246

Phone: 928-523-7427

Fax: 928-523-7449

Grand Canyon University

Alexi Linn

Clinical Practice Specialist

3300 West Camelback Rd

Phoenix, AZ 85017

Phone: (602) 639-7502

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Alexi.Linn@gcu.edu

University of Arizona

Sara Knepper

Director, Academic Advising

Phone: 520-621-7865

Email: sme@email.arizona.edu

Northcentral University/Rio Salado College

Paulina Ngo

Field Experience Coordinator

Email: student.teaching@riosalado.edu

Phone: 480-517-8414.

ADE Certification Unit 6-8-2017

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What does that mean?

Arizona Educational Acronyms

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AAC- Arizona Administrative Code

AACO - Arizona Association of Counties

AACSS - Arizona Association of County School Superintendents

AAG- Accountability Advisory Group

AASBO – Arizona Association of School Business Officials

ABIL - Arizona Bridge to Independent Living

ADA - American's with Disabilities Act

ADD - Attention Deficit Disorder

ADE - Arizona Department of Education

ADE/ESS - ADE Exceptional Student Services

ADE/PINS - ADE Parent Information Network Specialists

ADEQ- Arizona Department of Environmental Quality

ADHD - Attention Deficit with Hyperactivity Disorder

ADHS - Arizona Department of Health Services

ADL - Activities of Daily Living

ADM- Average Daily Membership

AEA – Arizona Education Association

AESA – Association of Education Service Agencies

AFR – Annual Financial Report

AG- Auditor General or Attorney General

AGO – Attorney General Opinion

Alt. AAG-Alternative (Education), Accountability Advisory Group

AOC – Administrative Office of the Courts (of the Arizona Supreme Court)

APE - Adaptive Physical Education

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